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<b>(51) International Patent Classification <sup>6</sup> :</b> <b>C12N 15/54, 9/12, A61K 38/45, C07K 16/40, C12Q 1/68, 1/48, C12N 15/11, A61K 31/70</b>		<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 99/01560</b> <b>(43) International Publication Date:</b> 14 January 1999 (14.01.99)															
<b>(21) International Application Number:</b> PCT/US98/13835 <b>(22) International Filing Date:</b> 1 July 1998 (01.07.98)  <b>(30) Priority Data:</b> <table border="0"><tr><td>60/051,410</td><td>1 July 1997 (01.07.97)</td><td>US</td></tr><tr><td>60/053,018</td><td>21 July 1997 (21.07.97)</td><td>US</td></tr><tr><td>60/053,329</td><td>21 July 1997 (21.07.97)</td><td>US</td></tr><tr><td>60/054,642</td><td>4 August 1997 (04.08.97)</td><td>US</td></tr><tr><td>60/058,287</td><td>9 September 1997 (09.09.97)</td><td>US</td></tr></table> <b>(71) Applicant (for all designated States except US):</b> CAMBIA BIOSYSTEMS LLC [US/US]; Suite 110, 915 - 118th Avenue S.E., Bellevue, WA 98005 (US).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> KILIAN, Andrzej [AU/AU]; 42 Campbell Street, Canberra, ACT 2602 (AU). BOWTELL, David [AU/AU]; 22 Strathearn Avenue, Coburg, VIC 3058 (AU).  <b>(74) Agents:</b> McMASTERS, David, D. et al.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).		60/051,410	1 July 1997 (01.07.97)	US	60/053,018	21 July 1997 (21.07.97)	US	60/053,329	21 July 1997 (21.07.97)	US	60/054,642	4 August 1997 (04.08.97)	US	60/058,287	9 September 1997 (09.09.97)	US	<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
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<b>(54) Title:</b> VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES THEREOF																		
<b>(57) Abstract</b>  Nucleic acid molecules encoding vertebrate telomerase are provided. Gene products, expression vectors and host cells suitable for expressing telomerase are also provided. Methods for identifying inhibitors of telomerase activity and inhibitor compositions are disclosed.																		